



This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method for creating drill links in a report, comprising the steps of:
  - 5 a) defining a relational abstraction of a data store, the definition including a plurality of views, scalar or aggregate fields associated with the views, and relations between the views; and
    - b) generating a report that includes at least one drill link associated with a sequence of zero or more relations originating at a base view of the relational abstraction.
  - 10 2. (Original) A method of claim 1 wherein the report is in a well recognized format.
  3. (Original) A method of claim 2 wherein the report format is HyperText Markup Language (HTML).
  4. (Original) A method of claim 2 wherein the report format is Dynamic HyperText Markup Language (DHTML).
  - 15 5. (Original) A method of claim 2 wherein the report format is eXtensible Markup Language (XML).
  6. (Original) A method of claim 2 wherein the report format is Portable Document Format (PDF).
  7. (Original) A method of claim 2 wherein the report format is Scalable Vector Graphics (SVG).
  - 20 8. (Original) A method of claim 1 wherein the drill link includes additional information.

9. (Original) A method of claim 8 wherein the drill link includes a reference to a second report.
10. (Original) A method of claim 8 wherein the drill link includes a reference to an object not associated with the relational abstraction.
- 5 11. (Original) A method of claim 10 wherein the drill link includes a reference to a computer program.
12. (Original) A method of claim 8 wherein the drill link includes a reference to the report that includes the drill link.
- 10 13. (Original) A method of claim 8 wherein the drill link includes a reference to the context of the drill link within the report.
14. (Original) A method of claim 8 wherein the drill link includes key values identifying a particular value within the report.
15. A method of claim 1 wherein the drill link is additionally associated with an object of the relational abstraction whose base view is the destination view of the last relation in the sequence.
- 15 16. (Original) A method of claim 15 wherein the object is a scalar field.
17. (Original) A method of claim 15 wherein the object is an aggregate field.
18. (Original) A method of claim 1 wherein the drill link includes a reference to an object that is based upon at least one object of the relational abstraction whose base view is the destination view of the last relation in the sequence.
- 20 19. (Original) A method of claim 18 wherein the reference is to a report template.
20. (Original) A method of claim 18 wherein the reference is to an expression.
21. (Original) A method for following drill links in a report, comprising the steps of:

- a) defining a relational abstraction of a data store, the definition including a plurality of views, scalar or aggregate fields associated with the views, and relations between the views;
- b) displaying a first report containing at least one drill link associated with a sequence of zero or more relations originating at a base view of the relational abstraction;
- 5 c) upon selection of the drill link, extracting information associated with the drill link; and
- d) generating a second report using the extracted information.

22. (Original) A method of claim 21 wherein the extracted information includes a reference to a scalar field.

10 23. (Original) A method of 21 wherein the extracted information includes a reference to an aggregate field.

24. (Original) A method of 21 wherein the extracted information includes a reference to an expression.

15 25. (Original) A method of 21 wherein the extracted information includes a reference to a report template.

26. (Original) A method of 21 wherein the extracted information includes a reference to another report.

20 27. (Original) A method of claim 25 wherein a plurality of templates are displayed for user selection.

28. (Original) A method of 21 wherein extracted information includes a reference to a relation.

29. (Original) A method of claim 21 wherein the extracted information includes a reference to the first report.

30. (Original) A method of claim 21 wherein the extracted information includes a reference to a dynamic web page for the second report.

5 31. (Original) A method of claim 21 wherein the extracted information includes a reference to the context of the drill link within the first report.

32. (Original) A method of claim 21 wherein the extracted information includes a reference to grouping key values identifying a particular value within the report.

10 33. (Original) A method of claim 21 wherein the extracted information is used to apply a filter on the second report.

34. (Original) A computer system for creating drill links in a report, the system comprising:

15 a) means for defining a relational abstraction of a data store, the definition including a plurality of views, scalar or aggregate fields associated with the views, and relations between the views; and

b) means for generating a report that includes at least one drill link associated with a sequence of zero or more relations originating at a base view of the relational abstraction.

35. (Original) A computer system for following drill links in a report, the system comprising:

20 a) means for defining a relational abstraction of a data store, the definition including a plurality of views, scalar or aggregate fields associated with the views, and relations between the views;

- b) means for displaying a first report containing at least one drill link associated with a sequence of zero or more relations originating at a base view of the relational abstraction;
- c) upon selection of the drill link, means for extracting the information associated with the drill link; and
- d) means for generating a second report using the extracted information.

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